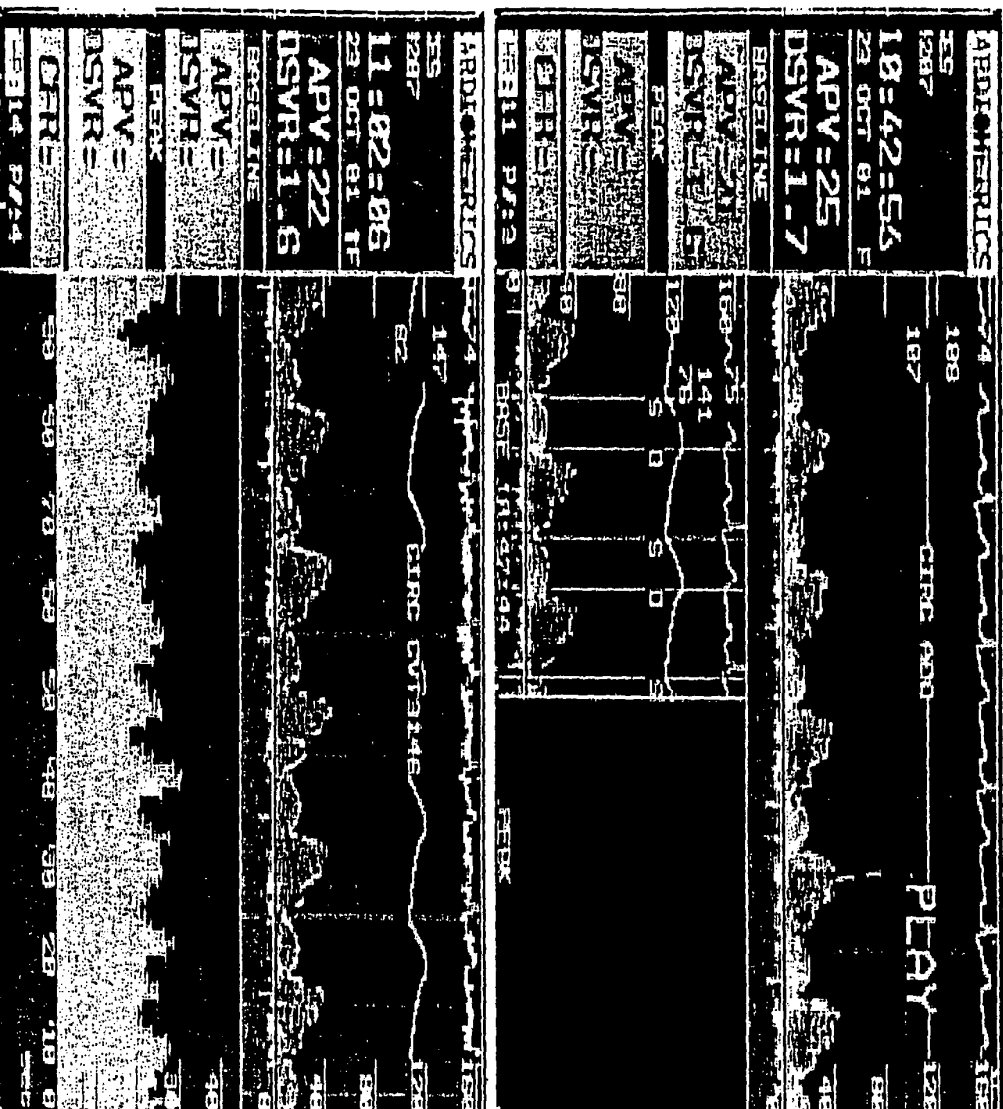


Intracoronary Doppler Flow Velocity Profiles



Adenosine 18 µg
ic bolus

CVT-3146 30 µg

iv bolus

Figure 1

Dose-Dependent Increase in Peak Flow Velocity Caused by CVT-3146

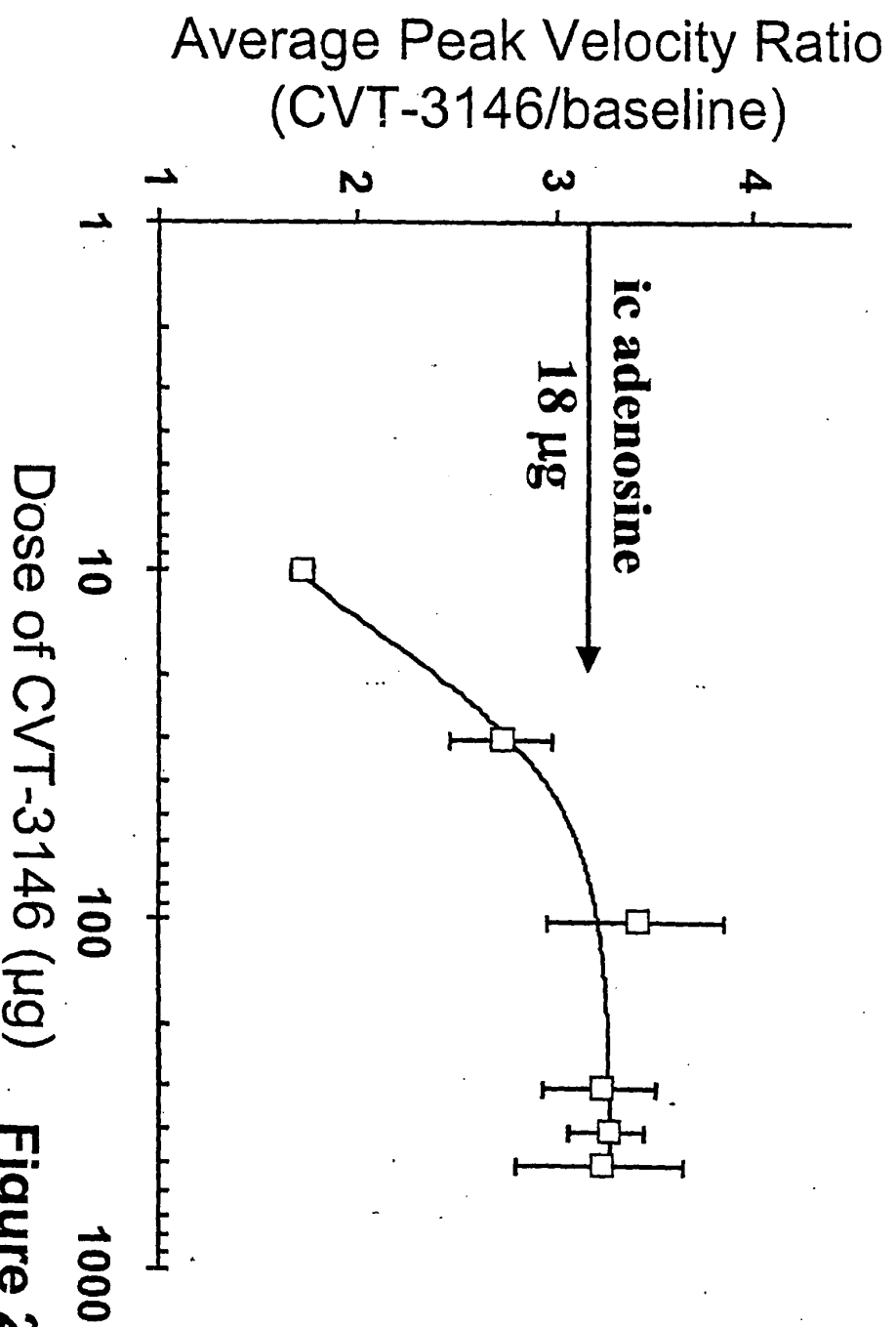


Figure 2

CVT-3146 and Coronary Flow Velocity

Duration of Effect:

Duration ≥ 2.5 Baseline	
Dose (n)	Mean \pm SEM
10 μg (4)	0
30 μg (4)	0
100 μg (3)	0.2 \pm 0.2 minutes
300 μg (4)	2.2 \pm 1.3 minutes
400 μg (8)	2.8 \pm 0.8 minutes
500 μg (4)	2.9 \pm 1.3 minutes

Figure 3

Time Course of APV Ratio (CVT-3146 400 µg)

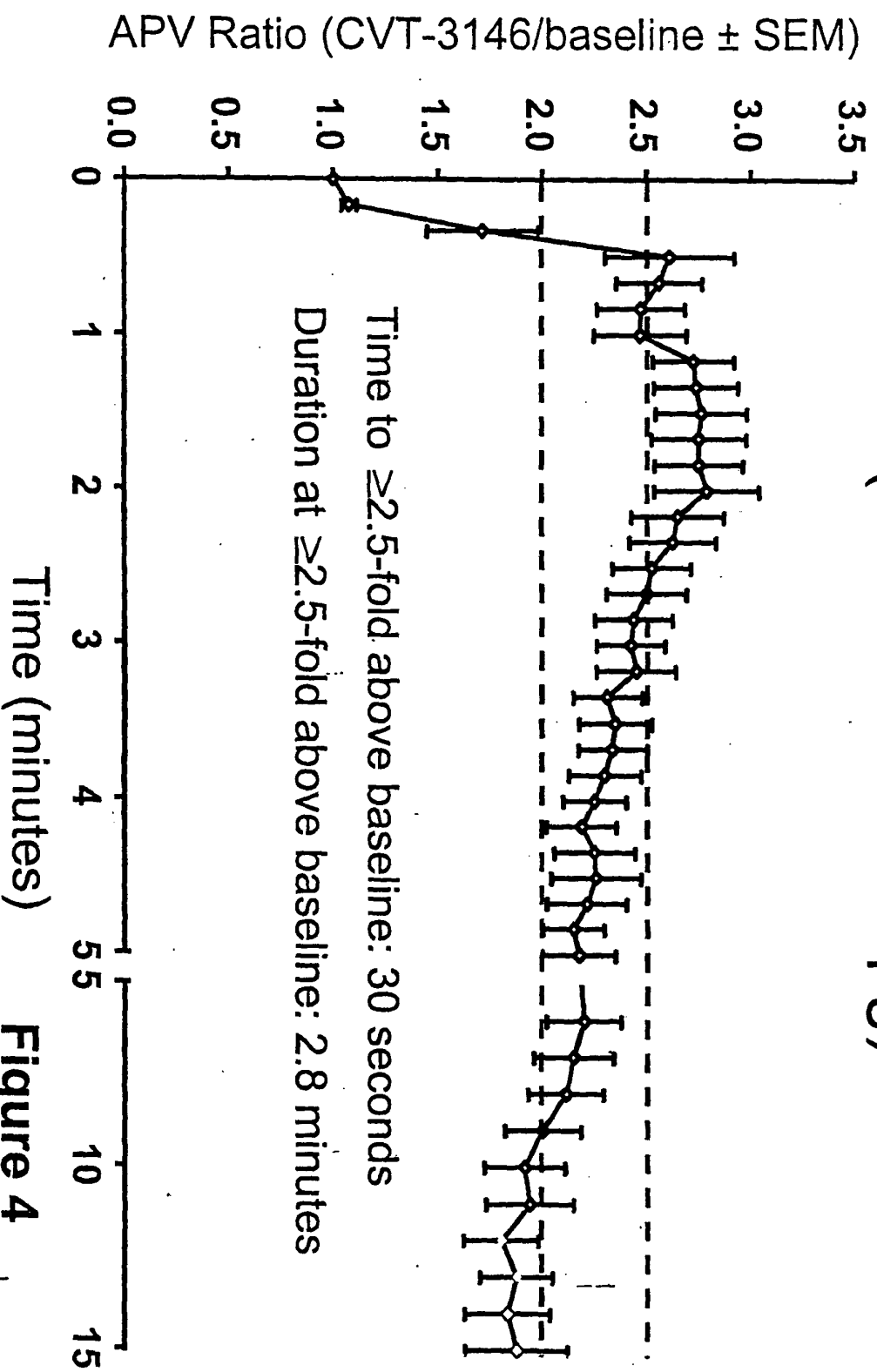


Figure 4

Time Course of Heart Rate (CVT-3146 400 µg)

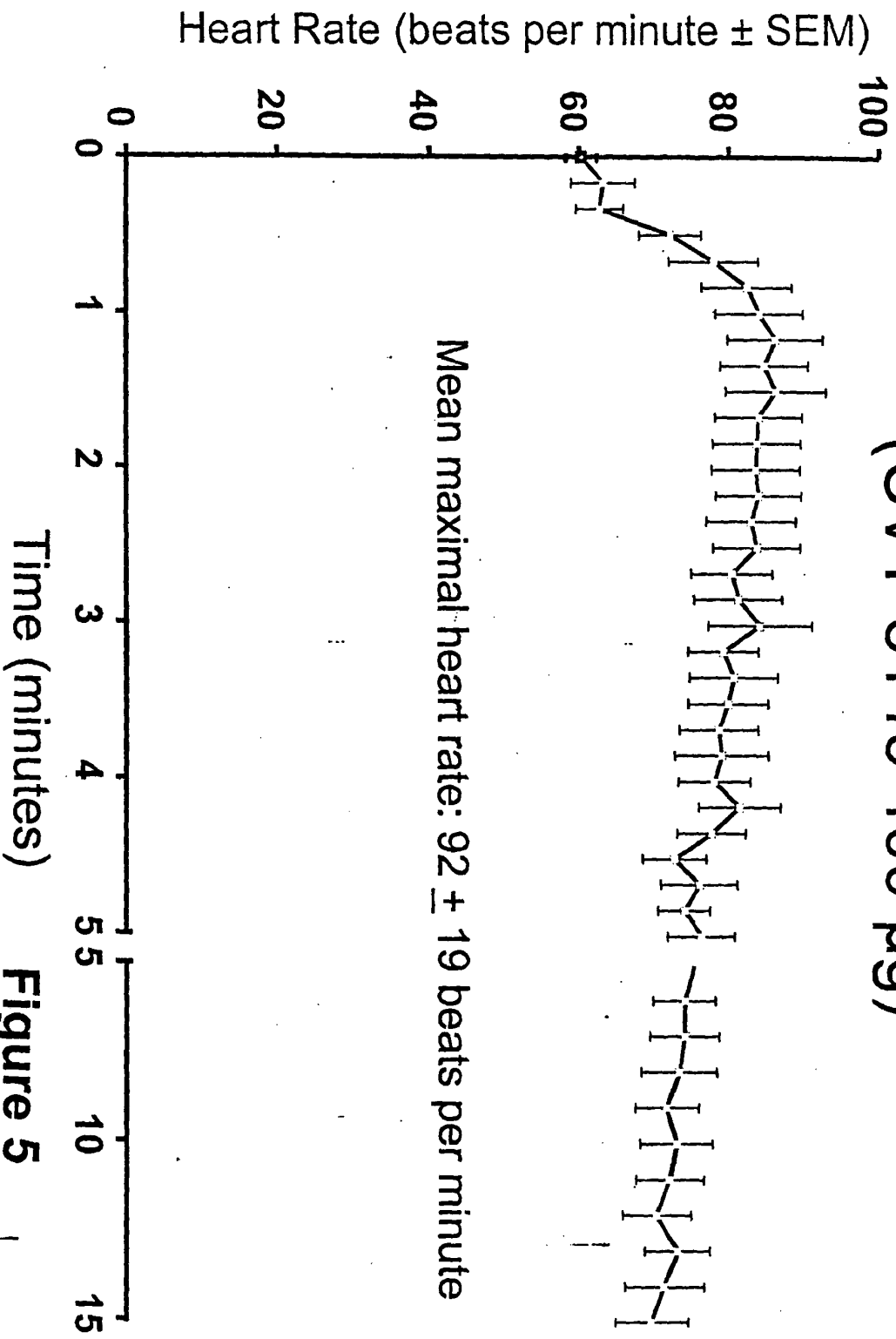


Figure 5

Time Course of Blood Pressure (CVT-3146 400 μ g)

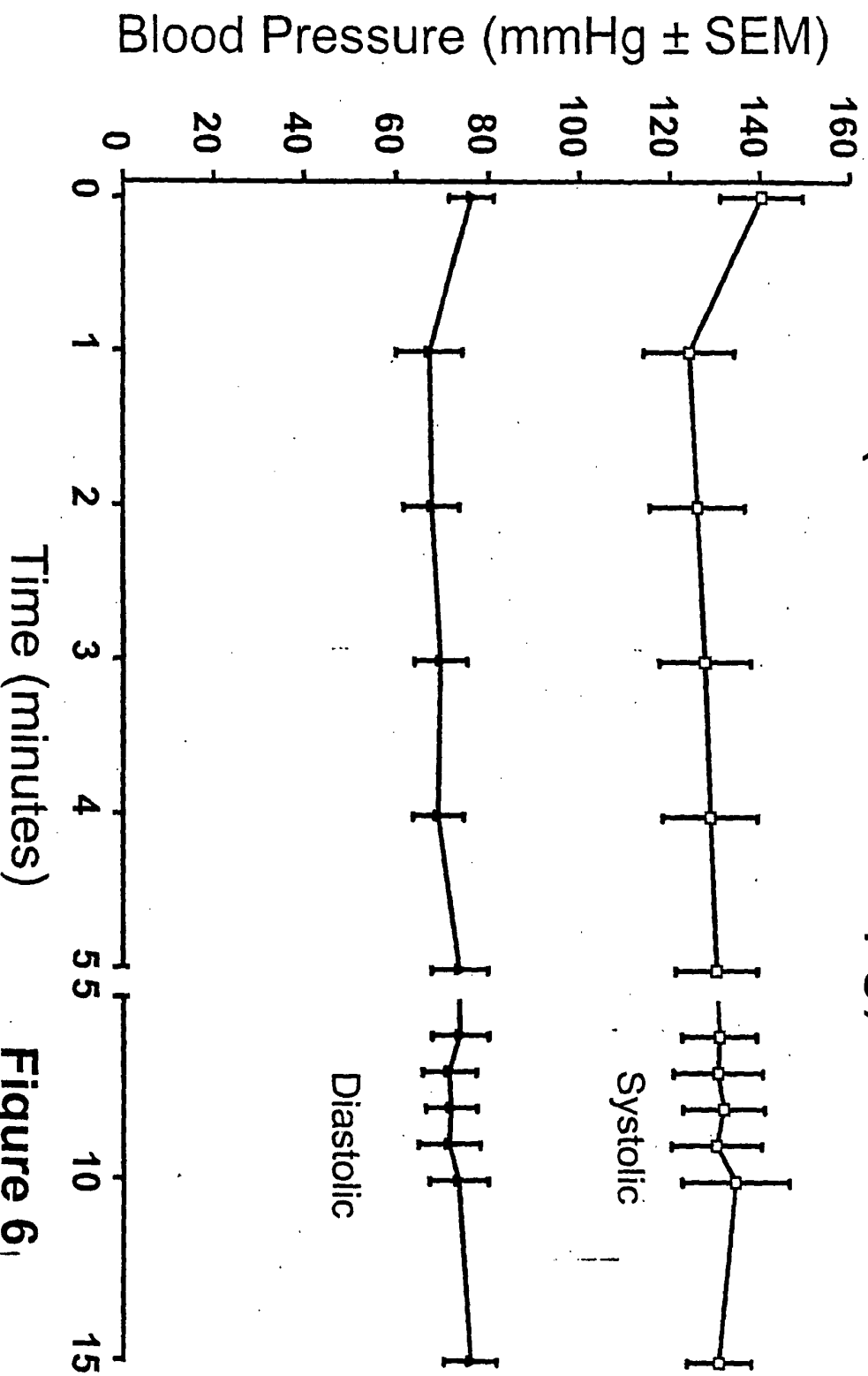


Figure 6

All Drug-Related Adverse Events Were Mild and Transient

Adverse Event	All Doses (n = 36)		400 µg (n = 9)	
chest discomfort	3		3	
increased heart rate	3		1	
hypotension	2		2	
flushing	2		1	
shortness of breath	2		0	
funny taste in mouth	1		0	
sensation in mouth, sinus, and chest	1		0	
headache	1		0	
tingling in hands	1		1	
heart racing	1		1	
bradycardia	1		1	
lightheadedness	1		1	
cough	1		0	
nausea and vomiting	1		0	

Figure 7

Figure 8

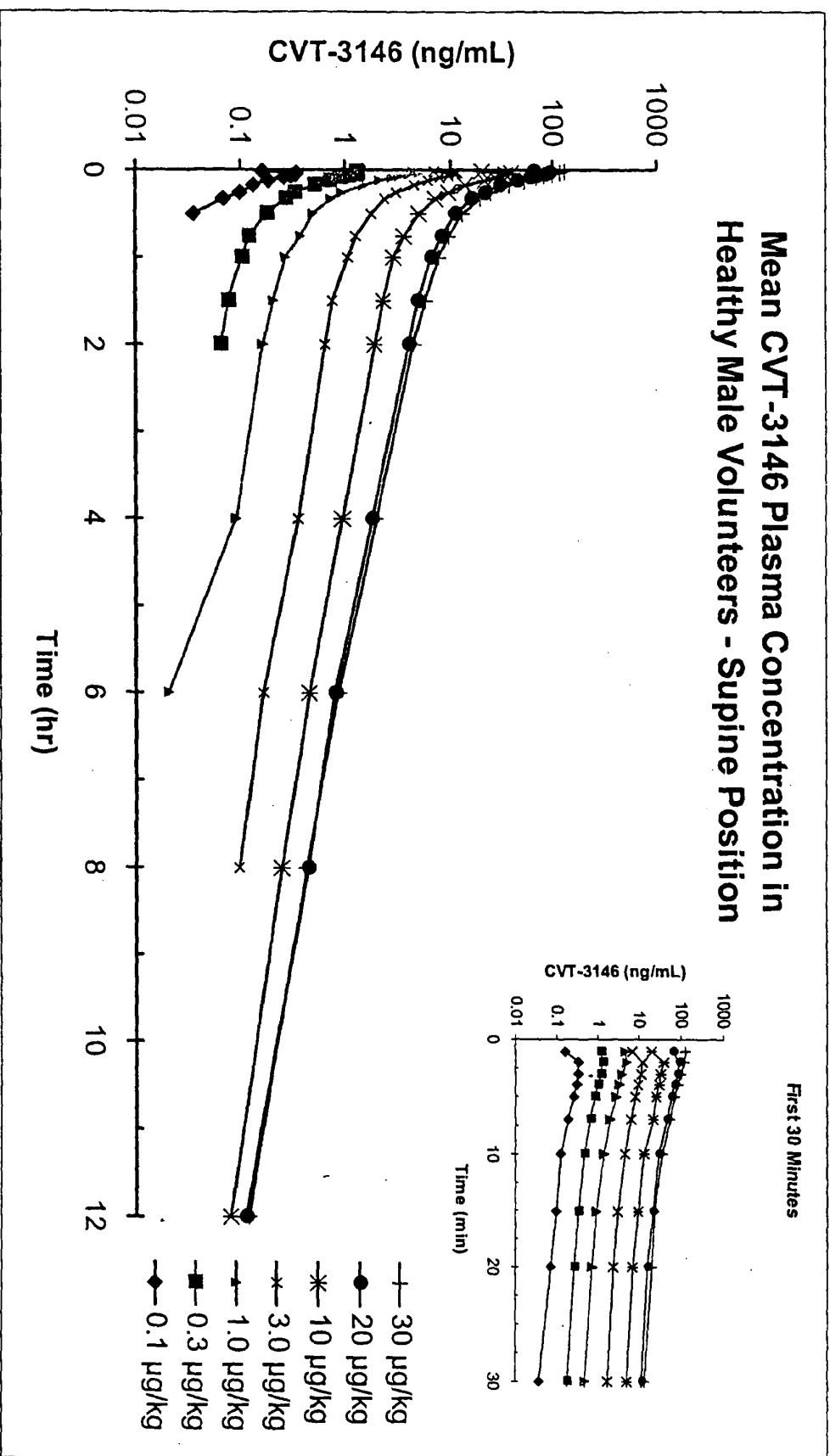


Figure 9

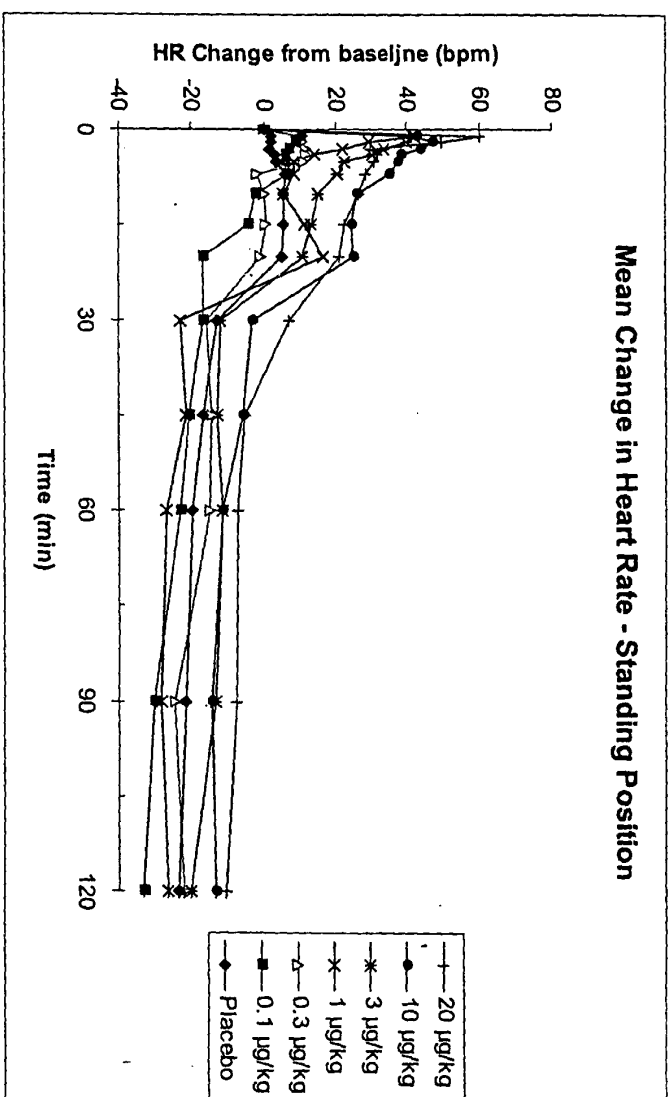


Figure 10

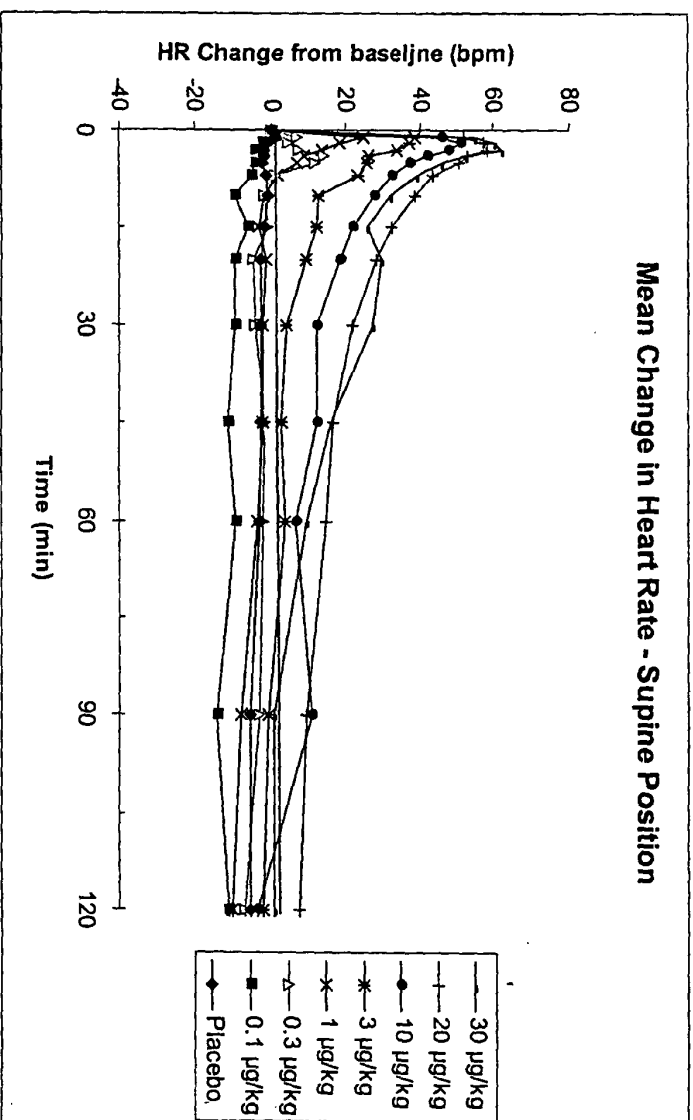


Figure 11

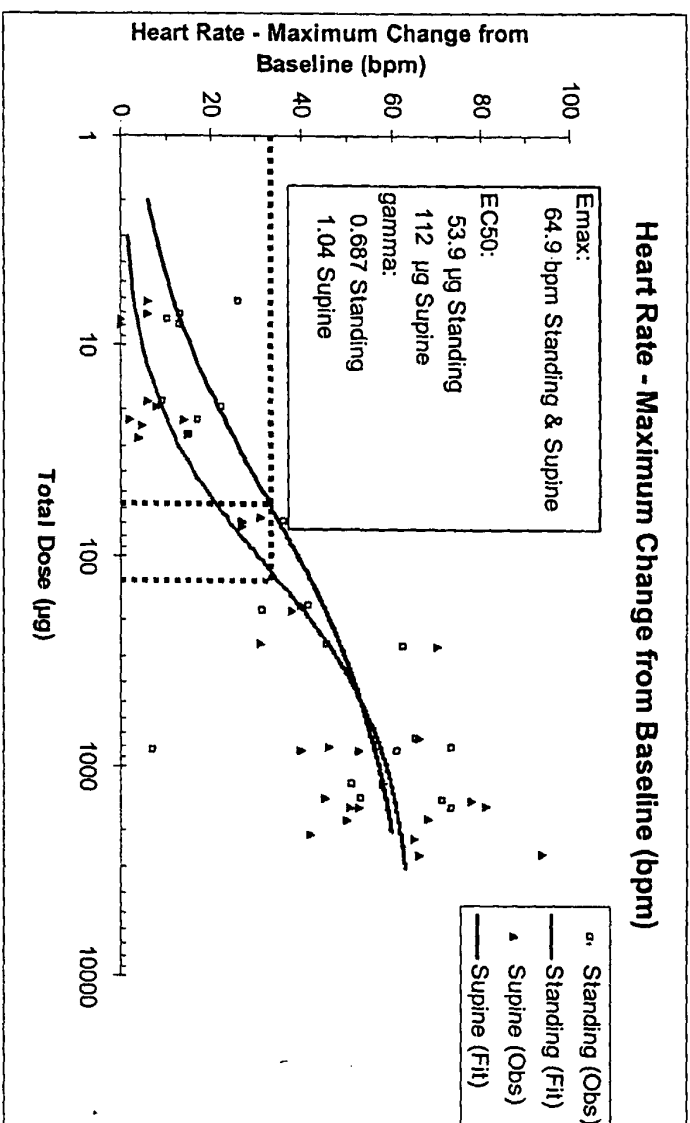


Figure 12

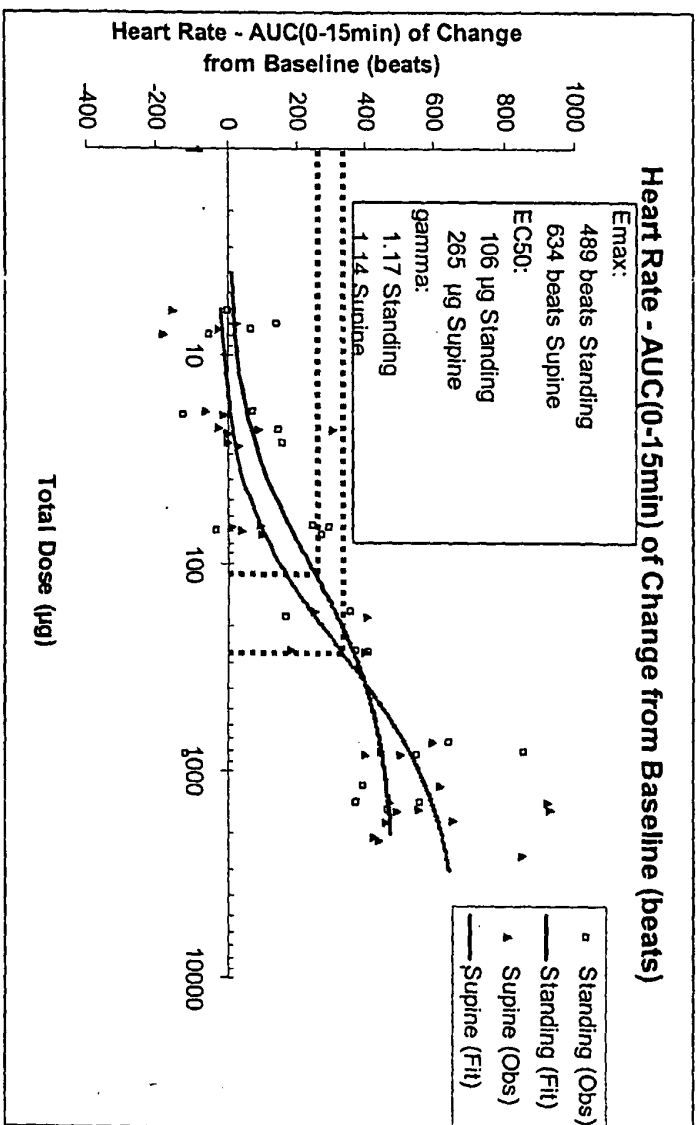


Figure 13

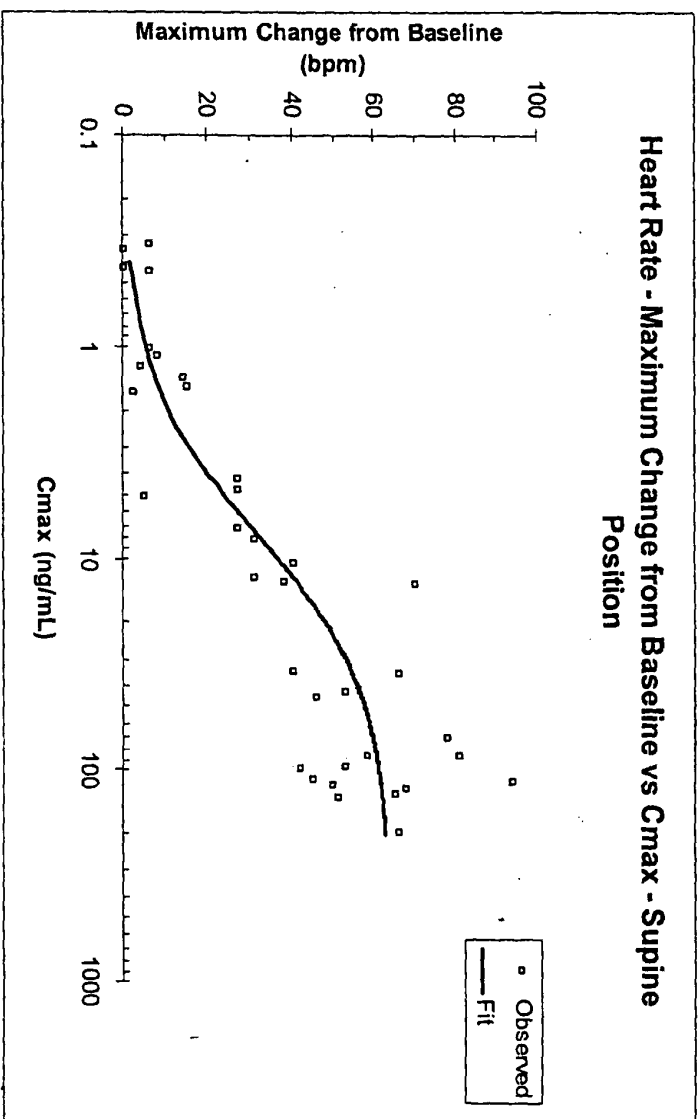


Figure 14

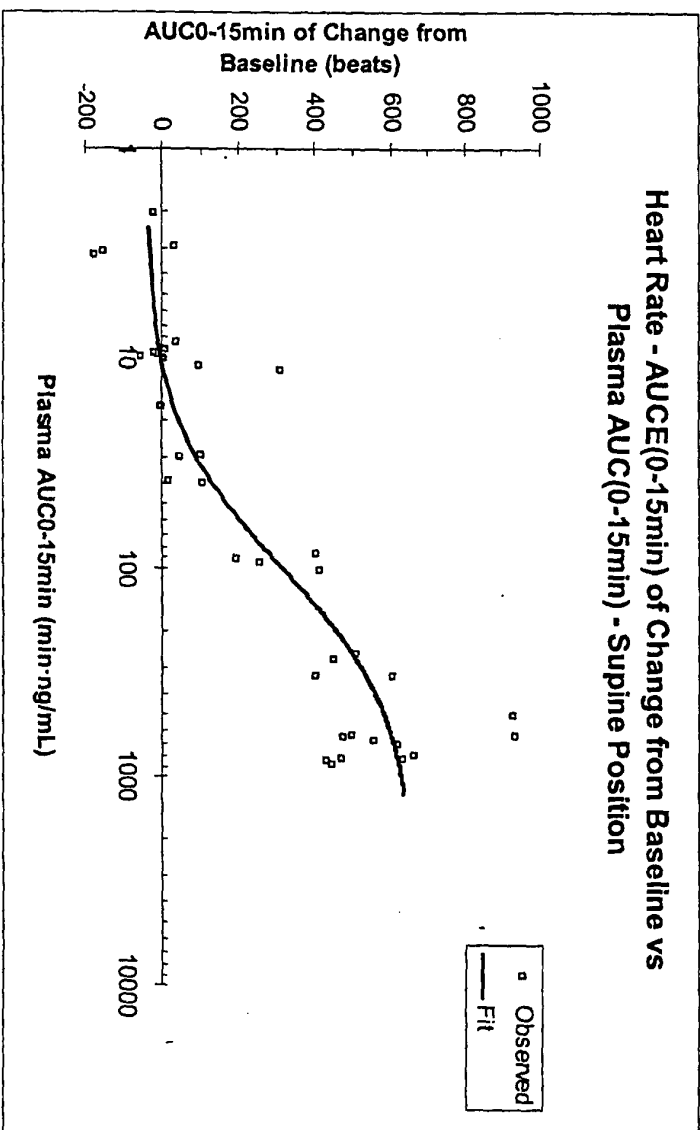
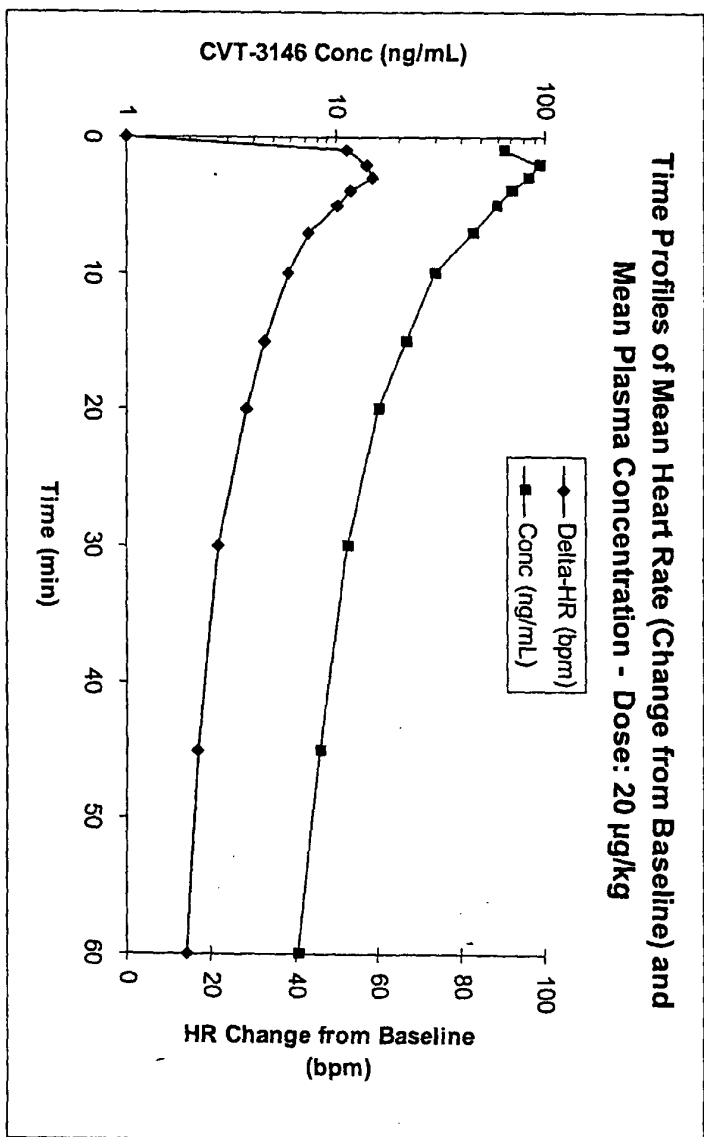


Figure 15



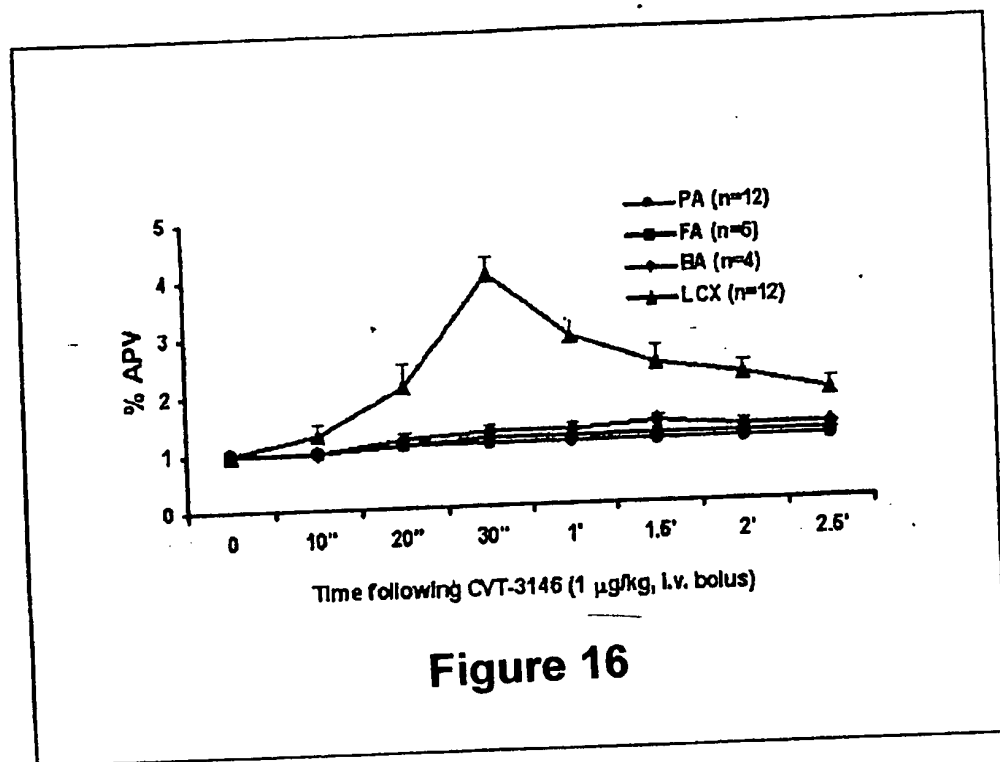


Figure 16

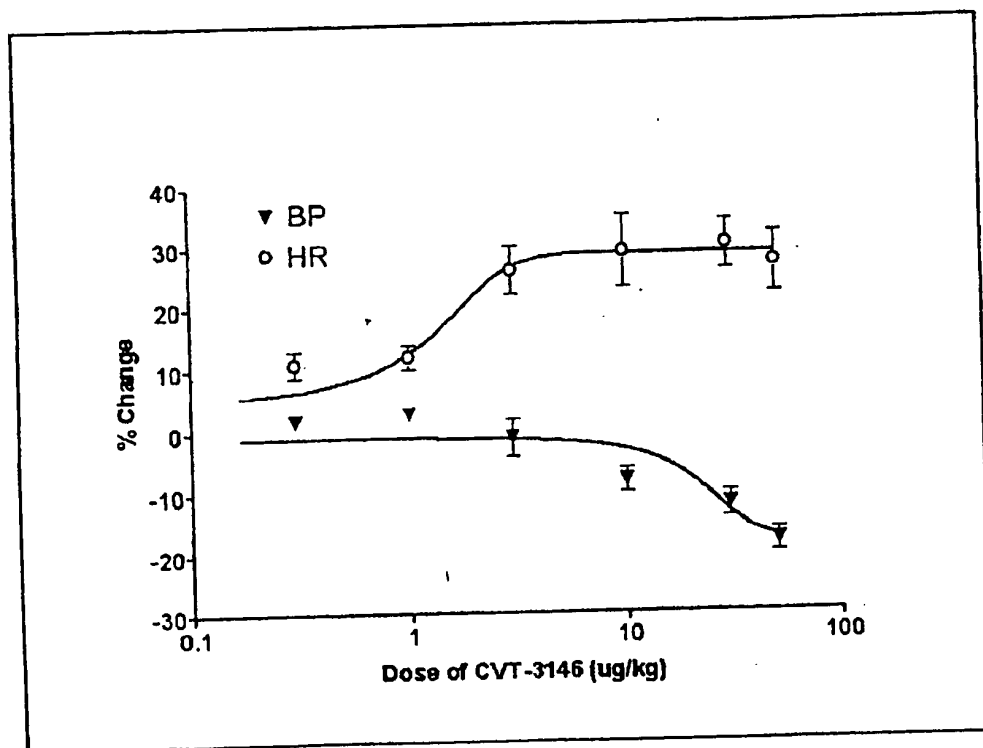


Figure 17

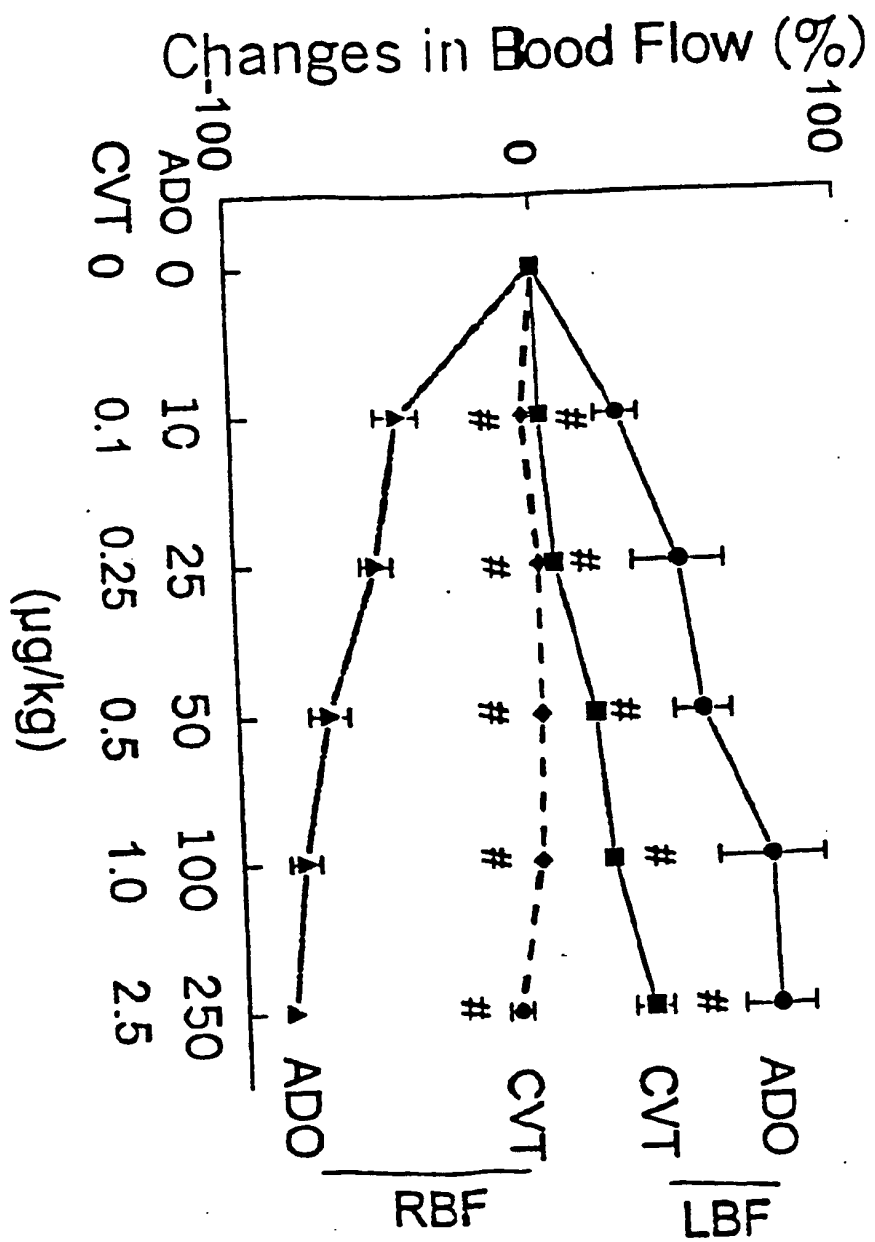


Figure 18